

[Claim 1] A laundry device comprising:

a body;

a drum provided in the body, thereon a circumferential surface a plurality of holes having each diameter of less than 1mm being formed; and

5 a motor driven for rotating the drum at high speed of at least and more 2000RPM.

[Claim 2] The laundry device as claimed in claim 1, wherein at least one and more holes having each diameter of more than 1mm are further formed on a  
10 circumferential surface of the drum.

[Claim 3] The laundry device as claimed in claim 2, wherein the number of holes having each diameter of more than 1mm is smaller than the number of holes having each diameter of less than 1mm.

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[Claim 4] The laundry device as claimed in claim 1, wherein the drum is installed more inclined downward coming along from a front surface to a rear surface, and at least one and more holes having each diameter of more than 1mm may be formed on a front circumferential surface.

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[Claim 5] The laundry device as claimed in claim 1, wherein the drum is installed thereof an opening for introduction of laundry facing an upper part and on an upper circumferential surface at least one and more holes having each diameter of more than 1mm are formed.

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[Claim 6] The laundry device as claimed in claim 1, wherein the motor is driven for rotating the drum at high speed of 3000~4000RPM.

[Claim 7] The laundry device as claimed in claim 1, further comprising a steam  
5 supply part in the body for spraying high temperature steam into the drum.

[Claim 8] The laundry device as claimed in claim 1, further comprising a detergent supply part in the body for spraying fluid detergent in spray state into the drum.

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[Claim 9] The laundry device as claimed in claim 1, further comprising a washing water spray part in the body for spraying washing water into the drum.

[Claim 10] A method for operating a laundry device comprising:  
15 a (a) step for supplying steam to an inside of a drum where the laundry is introduced;  
a (b) step for stopping steam supply after a predetermined period of time; and  
a (c) step for centrifugally separating contaminants from the laundry by rotating the drum at high speed.

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[Claim 11] The method for operating a laundry device as claimed in 10, wherein the temperature of steam supplied in the (a) step is higher than a temperature at which the laundry may be sterilized.

25 [Claim 12] The method for operating a laundry device as claimed in 10,

wherein the predetermined period of time in the (b) step is the time when the laundry may be soaked by the steam.

[Claim 13] The method for operating a laundry device as claimed in 10,  
5 wherein the rotation speed in the (c) step is 2000~4000RPM.

[Claim 14] The method for operating a laundry device as claimed in 10, further comprising a (d) step alternately operated with the (c) step at relatively lower speed than the rotation speed in the (c) step for discharging steam in the drum.  
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[Claim 15] The method for operating a laundry device as claimed in 14, wherein the speed for operating the (d) step is lower than 100RPM.

[Claim 16] The method for operating a laundry device as claimed in 14,  
15 wherein the time for operating the (d) step is shorter than the time for rotating the drum at high speed.

[Claim 17] The method for operating a laundry device as claimed in 10 or 14, further comprising a (e) step for spraying washing water in the drum before the steam in the (a) step is supplied to the inside of the drum.  
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[Claim 18] The method for operating a laundry device as claimed in 17, wherein the washing water sprayed in the (e) step is in cold water state not boiled.

[Claim 19] The method for operating a laundry device as claimed in 17, further  
25 comprising a (f) step for spraying fluid detergent to the laundry before the (e) step.

[Claim 20] The method for operating a laundry device as claimed in 19, wherein the detergent supplied in the (f) step is concentrated detergent in fluid spray state.

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[Claim 21] The method for operating a laundry device as claimed in 19, further comprising a (g) step for rinsing the laundry by spraying steam or washing water in the drum after the (f) step.

10 [Claim 22] The operating method of a laundry device as claimed in 10, wherein during the (a) step a drum is rotated at low speed.

[Claim 23] A method for operating a laundry device comprising:

a (h) step for performing a washing cycle for a predetermined period of time;

15 a (i) step for performing at least one and more rising cycle when the (h) step is completed;

a (j) step for performing a final spinning cycle by rotating a drum at high speed when the (i) step is completed; and

a (k) step for performing a dry cycle by rotating the drum at higher speed than  
20 the speed in the final spinning cycle when the final spinning cycle is completed.

[Claim 24] The method for operating a laundry device as claimed in 23, wherein the speed of the drum rotation in the (j) step is set up between 600RPM and 2000RPM.

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[Claim 25] The method for operating a laundry device as claimed in 23 wherein the speed of the drum rotation in the (k) step is set up between 3000RPM and 4000RPM.

5           [Claim 26] The method for operating a laundry device as claimed in 23, further comprising a (l) step for supplying steam to the dried laundry in the drum when the (k) step is completed.

10           [Claim 27] The method for operating a laundry device as claimed in 26, wherein the temperature of the steam supplied in the (l) step is higher than a temperature at which the laundry may be sterilized.

15           [Claim 28] The operating method of a laundry device as claimed in 26, wherein the (l) step is performed for a predetermined period of time enough to refresh the laundry in the drum.